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<!--StartFragment-->RESULT 1
Q9ZRC7_ALNGL
ID    Q9ZRC7_ALNGL                Unreviewed;          99 AA.
AC    Q9ZRC7;
DT    01-MAY-1999, integrated into UniProtKB/TrEMBL.
DT    01-MAY-1999, sequence version 1.
DT    24-JUL-2007, entry version 22.
DE    Actinorizal nodulin AgNOD-GHRP.
GN    Name=agNt84;
OS    Alnus glutinosa (Alder).
OC    Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
OC    Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
OC    rosids; eurosids I; Fagales; Betulaceae; Alnus.
OX    NCBI_TaxID=3517;
RN    [1]
RP    NUCLEOTIDE SEQUENCE.
RC    TISSUE=Root nodules;
RA    Dobritsa S.V., Mullin B.C.;
RT    "In vitro expression of actinorhizal nodulin AgNOD-GHRP and
RT    demonstration of its toxicity ot Escherichia coli.";
RL    (In) Stacey G., Mullin B.C., Gresshoff P.M. (eds.);
RL    THE BIOLOGY OF PLANT-MICROBE INTERACTIONS: PROCEEDINGS OF THE 8TH
RL    INTERNATIONAL SYMPOSIUM ON MOLECULAR PLANT-MICROBE INTERACTIONS,
RL    pp.1-1, Unknown Publisher (1996).
RN    [2]
RP    NUCLEOTIDE SEQUENCE.
RC    TISSUE=Root nodules;
RA    Twigg P.G.;
RT    "Isolation of a nodule-specific cDNA encoding a putative glycine-rich
RT    protein from Alnus glutinosa.";
RL    Thesis (1993), The University of Tennessee, Knoxville, TN, USA.
RN    [3]
RP    NUCLEOTIDE SEQUENCE.
RC    TISSUE=Root nodules;
RA    Pawlowski K., Twigg P.G., Dobritsa S.V., Guan C., Mullin B.C.;
RT    "A nodule-specific gene family from Alnus glutinosa encodes glycine
RT    and histidine-rich proteins expressed in the early stages of
RT    actinorhizal nodule development.";
RL    Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.
CC    -----
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CC    -----
DR    EMBL; U69156; AAD00171.1; -; mRNA.
DR    InterPro; IPR010800; GRP.
DR    Pfam; PF07172; GRP; 1.
PE    4: Predicted;
SQ    SEQUENCE    99 AA;  10567 MW;  2ACBE4D57C070E83 CRC64;

Query Match          100.0%;  Score 99;  DB 2;  Length 99;
Best Local Similarity 100.0%;  Pred. No. 1.4e-89;
Matches    99;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1  MGYSKTFLLLGLAFVLLISSDVSASELAVAAQTKENMQTDGVEEDKYHGHRHVHGHGH 60
      |||
Db      1  MGYSKTFLLLGLAFVLLISSDVSASELAVAAQTKENMQTDGVEEDKYHGHRHVHGHGH 60

Qy      61  GHVHGNGNEHGHGHHHGRGHPGHGAAADETETETETNQN 99
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Db      61  GHVHGNGNEHGHGHHHGRGHPGHGAAADETETETETNQN 99

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<!--EndFragment-->